Mountain Weather Forecast

Lake District National Park

Forecast valid from 06:00 on Sunday 28 Jan 2024 until 23:59 on Monday 29 Jan 2024

Forecast Issued on Sunday 28 Jan 2024 at 01:51

Confidence: High confidence for overall weather picture but moderate for track of rainfall Monday and Wednesday.

Headline for Sunday 28 Jan 2024: A rather cloudy day with a little drizzle at first, then dry until rain arrives late evening. Strong winds.

Mountain weather hazards on Sunday 28 Jan 2024

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
High Likelihood

Severe chill effect
Medium Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Drizzle	Cloudy	Cloudy	Cloudy	Cloudy	Heavy Rain
Precipitation probability					
40%	10%	10%	10%	20%	40%

Forecast for Sunday 28 Jan 2024

Weather: Staying cloudy but dry through much of the day, with strong winds, some brightness breaking through. Rain pushing in from the northwest towards midnight

Chance of cloud-free hill tops above 800m: 20%, improving to 80% around late morning but decreasing again later in the evening.

Low cloud and visibility: Scattered or broken cloud base 500-700m at first, breaking up by late morning. Further low cloud base 500-700m pushing in from the northwest during the evening. Slight reduction in visibility in any drizzle or rain, poor in hill fog, but otherwise good.

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Forecast for Sunday 28 Jan 2024

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	50/59 S	43/52 S	45/56 S	49/60 S	46/57 S	42/53 SW	21/27 NW
600	43/56 S	31/42 S	35/47 S	36/50 S	34/47 S	32/44 SW	19/26 NW
300	13/40 S	10/32 S	10/33 S	9/34 S	13/37 S	13/34 SW	10/21 NW
Valley	9/31 S	5/24 S	7/26 S	7/28 S	11/31 S	14/31 SW	11/21 NW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	3/-6	4/-4	6/-1	6/-1	4/-3	5/-2	2/-3
600	4/-4	3/-4	6/-1	6/0	6/-0	6/0	4/-1
300	5/1	4/1	6/4	7/5	8/5	7/4	5/2
Valley	7/5	6/5	8/7	9/8	10/8	9/6	7/4
Freezing Level*	2000m	2100m	2100m	1700m	2000m	2200m	2200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Very strong winds, particularly near summits, will hamper progress.

Forecast for Monday 29 Jan 2024

Weather: Cloudy with outbreaks of mainly light rain during the overnight period, but this turning heavier during the morning. Rain continuing throughout the day with heavy bursts at times.

Maximum wind: Southwest 20-25mph gusting 30-40 mph at first, soon falling light, northeast 15-20 mph gusting 25-30 mph later

Chance of cloud-free hill tops above 800m: 20%

Low cloud and visibility: Broken cloud base 500-700m for most of the day, occasionally dropping to 400m. Visibility poor in hill fog, moderate in rain. Good in drier interludes at lower levels.

Temperature: **Valleys:** Plus 6 to plus 9 Celsius
At 800m: Plus 1 to 4 Celsius
Freezing level: Above summits

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Saturday 27 January 2024 Location: Helvellyn summit at 12:41 Full report: The vast majority of the fells and paths are snow-free up to and including the highest tops. There is still snow and ice present above 800m on steep north and east-facing slopes and this was slowly thawing today but still quite firm in places. Swirral and Striding edge can be done almost entirely on rock, however, a steep bank of unavoidable hard and icy snow is present at the top of Swirral edge. The exit slopes of Striding edge can be negotiated without setting foot on snow by taking a line slightly to the south of the main exit path. The windchill (feels-like) temperature on the tops today was around -7ºC and anyone who stood still even for short periods would get cold very quickly. Full winter clothing (warm and waterproof) including hats and gloves and equipment including a map, compass, and headtorch are all essential. For anyone deliberately heading onto the snow tomorrow, an ice axe and crampons are essential. Microspikes are also advisable for crossing the small patches of unavoidable snow on the exit slopes of Swirral Edge, or any other similar steep and exposed routes where there may be remnants of old, hard, and icy snow. Temperature: plus 1.7 C, Maximum wind speed 44.5 mph, Wind chill: minus 7.1 C, Average wind speed: 31.8 mph

Issued at: 01:51 on Sun 28 Jan 2024

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